

## Anwendungsschwerpunkt R 60

| Benötigte <b>Mindest-Trockenschichtstärke</b> / Verbrauch für eine krit. Stahltemperatur von 500° C |                                |                         |                            |  |                         |                            |  |                         |                            |
|---|--------------------------------|-------------------------|----------------------------|--|-------------------------|----------------------------|--|-------------------------|----------------------------|
| Profilfaktor<br>bis m -1  | I-Profil Träger / 3-seitig     |                         |                            | I-Profil Träger und Stützen / 4-seitig |                         |                            | geschlossene Hohlprofile<br>Druckglieder (Stützen) |                         |                            |
|   | Verbrauch<br>kg/m <sup>2</sup> | Schichtdicke<br>mm nass | Schichtdicke<br>mm trocken | Verbrauch<br>kg/m <sup>2</sup>         | Schichtdicke<br>mm nass | Schichtdicke<br>mm trocken | Verbrauch<br>kg/m <sup>2</sup>                     | Schichtdicke<br>mm nass | Schichtdicke<br>mm trocken |
| 0 - 54  | 0,928                          | 0,699                   | 0,510                      | 0,801                                  | 0,603                   | 0,440                      | 0,844  | 0,636                   | 0,464                      |
| 55 - 59   | 0,928                          | 0,699                   | 0,510                      | 0,899                                  | 0,677                   | 0,494                      | 1,429  | 1,075                   | 0,785                      |
| 60 - 64   | 0,928                          | 0,699                   | 0,510                      | 0,997                                  | 0,751                   | 0,548                      | 1,997  | 1,503                   | 1,097                      |
| 65 - 69   | 0,965                          | 0,726                   | 0,530                      | 1,096                                  | 0,825                   | 0,602                      | 2,501  | 1,882                   | 1,374                      |
| 70 - 74   | 1,001                          | 0,754                   | 0,550                      | 1,194                                  | 0,899                   | 0,656                      | 2,950  | 2,221                   | 1,621                      |
| 75 - 79   | 1,037                          | 0,781                   | 0,570                      | 1,292                                  | 0,973                   | 0,710                      | 3,356  | 2,526                   | 1,844                      |
| 80 - 84   | 1,074                          | 0,808                   | 0,590                      | 1,389                                  | 1,045                   | 0,763                      | 3,724  | 2,803                   | 2,046                      |
| 85 - 89   | 1,110                          | 0,836                   | 0,610                      | 1,487                                  | 1,119                   | 0,817                      | 4,057  | 3,054                   | 2,229                      |
| 90 - 94   | 1,147                          | 0,863                   | 0,630                      | 1,556                                  | 1,171                   | 0,855                      | 4,361  | 3,283                   | 2,396                      |
| 95 - 99   | 1,181                          | 0,889                   | 0,649                      | 1,625                                  | 1,223                   | 0,893                      | 4,639  | 3,492                   | 2,549                      |
| 100 - 104   | 1,218                          | 0,917                   | 0,669                      | 1,694                                  | 1,275                   | 0,931                      | 4,896  | 3,685                   | 2,690                      |
| 105 - 109   | 1,254                          | 0,944                   | 0,689                      | 1,762                                  | 1,326                   | 0,968                      | 5,132  | 3,863                   | 2,820                      |
| 110 - 114   | 1,290                          | 0,971                   | 0,709                      | 1,831                                  | 1,378                   | 1,006                      | 5,351  | 4,028                   | 2,940                      |
| 115 - 119   | 1,327                          | 0,999                   | 0,729                      | 1,900                                  | 1,430                   | 1,044                      | 5,555  | 4,181                   | 3,052                      |
| 120 - 124   | 1,363                          | 1,026                   | 0,749                      | 1,967                                  | 1,481                   | 1,081                      | 5,744  | 4,324                   | 3,156                      |
| 125 - 129   | 1,398                          | 1,052                   | 0,768                      | 2,037                                  | 1,533                   | 1,119                      | 5,920  | 4,457                   | 3,253                      |
| 130 - 134   | 1,434                          | 1,080                   | 0,788                      | 2,106                                  | 1,585                   | 1,157                      | 6,086  | 4,581                   | 3,344                      |
| 135 - 139   | 1,471                          | 1,107                   | 0,808                      | 2,173                                  | 1,636                   | 1,194                      | 6,243  | 4,699                   | 3,430                      |
| 140 - 144   | 1,507                          | 1,134                   | 0,828                      | 2,242                                  | 1,688                   | 1,232                      | 6,388  | 4,809                   | 3,510                      |
| 145 - 149   | 1,536                          | 1,156                   | 0,844                      | 2,311                                  | 1,740                   | 1,270                      | 6,525  | 4,911                   | 3,585                      |
| 150 - 154   | 1,565                          | 1,178                   | 0,860                      | 2,379                                  | 1,791                   | 1,307                      | 6,654  | 5,009                   | 3,656                      |
| 155 - 159   | 1,593                          | 1,199                   | 0,875                      | 2,448                                  | 1,843                   | 1,345                      | 6,776  | 5,101                   | 3,723                      |
| 160 - 164   | 1,620                          | 1,219                   | 0,890                      | 2,517                                  | 1,895                   | 1,383                      | 6,891  | 5,187                   | 3,786                      |
| 165 - 169   | 1,647                          | 1,240                   | 0,905                      | 2,584                                  | 1,945                   | 1,420                      | 7,000  | 5,269                   | 3,846                      |
| 170 - 174   | 1,674                          | 1,260                   | 0,920                      | 2,654                                  | 1,997                   | 1,458                      | 7,103  | 5,347                   | 3,903                      |
| 175 - 179   | 1,702                          | 1,281                   | 0,935                      | 2,725                                  | 2,051                   | 1,497                      |  |                         |                            |
| 180 - 184   | 1,729                          | 1,302                   | 0,950                      | 2,796                                  | 2,104                   | 1,536                      |  |                         |                            |
| 185 - 189   | 1,756                          | 1,322                   | 0,965                      | 2,867                                  | 2,158                   | 1,575                      |  |                         |                            |
| 190 - 194   | 1,784                          | 1,343                   | 0,980                      | 2,937                                  | 2,211                   | 1,614                      |  |                         |                            |
| 195 - 199   | 1,811                          | 1,363                   | 0,995                      | 3,008                                  | 2,265                   | 1,653                      |  |                         |                            |
| 200 - 204   | 1,840                          | 1,385                   | 1,011                      | 3,079                                  | 2,318                   | 1,692                      |  |                         |                            |
| 205 - 209   | 1,867                          | 1,406                   | 1,026                      | 3,149                                  | 2,370                   | 1,730                      |  |                         |                            |
| 210 - 214   | 1,895                          | 1,426                   | 1,041                      | 3,220                                  | 2,424                   | 1,769                      |  |                         |                            |
| 215 - 219   | 1,922                          | 1,447                   | 1,056                      | 3,291                                  | 2,477                   | 1,808                      |  |                         |                            |
| 220 - 224   | 1,949                          | 1,467                   | 1,071                      | 3,362                                  | 2,530                   | 1,847                      |  |                         |                            |
| 225 - 229   | 1,977                          | 1,488                   | 1,086                      | 3,433                                  | 2,584                   | 1,886                      |  |                         |                            |
| 230 - 234   | 2,004                          | 1,508                   | 1,101                      | 3,504                                  | 2,637                   | 1,925                      |  |                         |                            |
| 235 - 239   | 2,031                          | 1,529                   | 1,116                      | 3,574                                  | 2,691                   | 1,964                      |  |                         |                            |
| 240 - 244   | 2,058                          | 1,549                   | 1,131                      | 3,645                                  | 2,744                   | 2,003                      |  |                         |                            |
| 245 - 249   | 2,086                          | 1,570                   | 1,146                      | 3,716                                  | 2,798                   | 2,042                      |  |                         |                            |
| 250 - 254   | 2,115                          | 1,592                   | 1,162                      | 3,787                                  | 2,851                   | 2,081                      |  |                         |                            |
| 255 - 259   | 2,142                          | 1,612                   | 1,177                      | 3,858                                  | 2,904                   | 2,120                      |  |                         |                            |
| 260 - 264   | 2,169                          | 1,633                   | 1,192                      | 3,929                                  | 2,958                   | 2,159                      |  |                         |                            |
| 265 - 269   | 2,197                          | 1,654                   | 1,207                      |  |                         |                            |  |                         |                            |
| 270 - 274   | 2,224                          | 1,674                   | 1,222                      |  |                         |                            |  |                         |                            |
| 275 - 279   | 2,251                          | 1,695                   | 1,237                      |  |                         |                            |  |                         |                            |
| 280 - 284   | 2,279                          | 1,715                   | 1,252                      |  |                         |                            |  |                         |                            |
| 285 - 289   | 2,306                          | 1,736                   | 1,267                      |  |                         |                            |  |                         |                            |
| 290 - 294   | 2,333                          | 1,756                   | 1,282                      |  |                         |                            |  |                         |                            |
| 295 - 299   | 2,361                          | 1,777                   | 1,297                      |  |                         |                            |  |                         |                            |
| 300 - 304   | 2,388                          | 1,797                   | 1,312                      |  |                         |                            |  |                         |                            |
| 305 - 309   | 2,417                          | 1,819                   | 1,328                      |  |                         |                            |  |                         |                            |
| 310 - 314   | 2,444                          | 1,840                   | 1,343                      |  |                         |                            |  |                         |                            |
| 315 - 319   | 2,688                          | 2,023                   | 1,477                      |  |                         |                            |  |                         |                            |
| 320 - 324   | 2,952                          | 2,222                   | 1,622                      |  |                         |                            |  |                         |                            |
| 325 - 329   | 3,216                          | 2,421                   | 1,767                      |  |                         |                            |  |                         |                            |
| 330 - 334   |                                |                         |                            |  |                         |                            |  |                         |                            |

Bei 4-seitigen I-Profilen sind die Stützenwerte zur Anwendung zu bringen.

Die ermittelten Verbräuche sind Richtwerte.